

Does a Magnet's force weaken with the distance cube?

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Source: <http://sci.tech-archive.net/Archive/sci.physics.relativity/2006-03/msg00551.html>

- *From:* "guskz@xxxxxxxxxxxx" <guskz@xxxxxxxxxxxx>
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<http://hyperphysics.phy-astr.gsu.edu/hbase/forces/isq.html#isq>

The link above shows Gravity, Light(photons), and Charge (I believe sound waves also): all these weaken with the distance square.

How about Magnets...I think there's is the distance cube which is strange since EM waves are made of photons and photons above weaken with the distance square???

Also from the same link, it makes me believe all these three forces (Gravity, photons, charge) are the very same with the *****ONLY***** difference methaphorically speaking is they each have a different mass(energy)???

Therefore could Gravity, charge, photons be virtually the same in the same metaphorical way as light and EM waves are the same (both made of photons).

Therefore the main difference between Gravity, charge, and photons would be the Energy(mass) that they contain.

For Gravity = mass (= energy) = density * volume,
For Charge = intensity * volume,
For Photons = intensity *volume

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